

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	(429/137 OR 423/156.1 OR 423/592.1).CCLS. and ruthenium oxide	US-PGPUB; USPAT	ADJ	ON	2007/08/15 11:55
L2	10	(429/137 OR 423/156.1 OR 423/592.1 or 423/246).CCLS. and ruthenium oxide	US-PGPUB; USPAT	ADJ	ON	2007/08/15 11:56
L3	10	(429/137 OR 423/156.1 OR 423/592.1 or 423/209 or 423/246). CCLS. and ruthenium oxide	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:04
L4	17	(429/137 OR 423/156.1 OR 423/592.1 or 423/209 or 423/246 or 423/593.1).CCLS. and ruthenium oxide	US-PGPUB; USPAT	ADJ	ON	2007/08/15 13:04
S2	281	423/592.1.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/13 13:01
S3	27	S2 and rutheni\$	US-PGPUB; USPAT	ADJ	ON	2007/08/13 13:01
S4	41	S2 and (rutheni\$ or Ru)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 13:02
S5	38	S4 and (alkali or lithium or sodium or potassium or rubidium or cesium or francium or Li or Na or K or Rb or Cs)	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:02
S6	13	S4 and (alkali or lithium or sodium or potassium or rubidium or cesium or francium or Li or Na or K or Rb or Cs).AB.	US-PGPUB; USPAT	ADJ	ON	2007/08/13 13:56
S7	443	(429/137 OR 423/156.1 OR 423/592.1).CCLS.	US-PGPUB; USPAT	ADJ	ON	2007/08/15 11:53
S8	10	S7 AND (RUTHENIUM OXIDE OR "RUO.SUB.2")	US-PGPUB; USPAT	ADJ	ON	2007/08/13 14:06
S9	926	RUTHENIUM OXIDE OR "RUO.SUB.2"	DERWENT	ADJ	ON	2007/08/13 14:11
S11	9557	(H01G009/00 OR H01G009/04 OR H01M004/48).IPC.	DERWENT	ADJ	ON	2007/08/13 14:13
S12	12	(H01G009/00 OR H01G009/04 OR H01M004/48).IPC. AND (RUTHENIUM OXIDE OR "RUO.SUB.2")	DERWENT	ADJ	ON	2007/08/13 14:15
S13	2	(H01G009/00 OR H01G009/04 OR H01M004/48).IPC. AND (RUTHENIUM OXIDE OR "RUO.SUB.2") AND ALKALI	DERWENT	ADJ	ON	2007/08/13 14:22
S14	43	(RUTHENIUM OXIDE OR "RUO.SUB.2") AND ALKALI METAL	DERWENT	ADJ	ON	2007/08/13 14:20

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S15	17	(RUTHENIUM OXIDE OR "RUO.SUB.2") WITH ALKALI METAL	DERWENT	ADJ	ON	2007/08/13 14:20
S16	11	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND (RUTHENIUM OXIDE OR "RUO.SUB.2") AND ALKALI	DERWENT	ADJ	ON	2007/08/13 14:27
S17	58	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND (OXIDE) WITH ALKALI METAL	DERWENT	ADJ	ON	2007/08/13 14:31
S18	8	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND (OXIDE) WITH ALKALI METAL AND CHARGE	DERWENT	ADJ	ON	2007/08/13 14:35
S19	7714	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND capacitor	DERWENT	ADJ	ON	2007/08/13 14:35
S20	820	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND capacitor and heat	DERWENT	ADJ	ON	2007/08/13 14:35
S21	149	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND capacitor and heat and oxide	DERWENT	ADJ	ON	2007/08/13 14:35
S22	70	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND capacitor and heat with oxide	DERWENT	ADJ	ON	2007/08/13 14:35
S23	112	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND capacitor and ((heat or sinter or calcine) with oxide)	DERWENT	ADJ	ON	2007/08/13 14:36
S26	112	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND capacitor and ((heat or sinter or calcine) with oxide)	DERWENT	ADJ	ON	2007/08/13 14:37

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S27	5	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND capacitor and ((heat or sinter or calcine) with oxide) and alkali	DERWENT	ADJ	ON	2007/08/13 14:38
S29	97	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC. AND intercalation	DERWENT	ADJ	ON	2007/08/13 14:38
S31	4456	double layer capacitor	DERWENT	ADJ	ON	2007/08/13 14:48
S32	566	double?layer capacitor	DERWENT	ADJ	ON	2007/08/13 14:48
S33	4456	S31 or S32	DERWENT	ADJ	ON	2007/08/13 14:49
S34	4456	S31 or S32 and colloid	DERWENT	ADJ	ON	2007/08/13 14:49
S35	12553	(H01G009/00 OR H01G009/04 OR H01M004/48 OR B01J019/09 OR C01G055/00 OR C25D013/02 OR H01G009/058).IPC.	DERWENT	ADJ	ON	2007/08/13 14:50
S36	2259	S35 and S34	DERWENT	ADJ	ON	2007/08/13 14:50
S37	111	S36 and acid	DERWENT	ADJ	ON	2007/08/13 14:52
S38	18	S36 and acid and (heat or sinter or calcin\$)	DERWENT	ADJ	ON	2007/08/13 14:54
S39	4	S36 and acid and (heat or sinter or calcin\$) and alkali	DERWENT	ADJ	ON	2007/08/13 15:50
S40	7315	alkylammonium or alkylamine	DERWENT	ADJ	ON	2007/08/13 15:51
S41	1317	alkylammonium or alkylamine and charge	DERWENT	ADJ	ON	2007/08/13 15:51
S42	1224	alkylammonium or alkylamine and charge and intercal\$	DERWENT	ADJ	ON	2007/08/13 15:51
S43	1224	alkylammonium or alkylamine and charge and intercal\$ and colloid	DERWENT	ADJ	ON	2007/08/13 15:52
S44	1224	alkylammonium or alkylamine and charge and colloid and intercal\$	DERWENT	ADJ	ON	2007/08/13 15:52
S46	24	(alkylammonium or alkylamine) and intercal\$	DERWENT	ADJ	ON	2007/08/13 15:54
S47	4	(alkylammonium or alkylamine) and intercal\$ and solvent	DERWENT	ADJ	ON	2007/08/13 15:55
S49	11	(alkylammonium or alkylamine) with intercal\$	DERWENT	ADJ	ON	2007/08/13 16:45
S54	52	oxide with double?layer with capacitor	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:05
S56	52	(oxide with double?layer with capacitor)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:06

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S58	10	(oxide with double?layer with capacitor) and intercalat\$	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:15
S59	2450	intercalat\$ compound	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:16
S60	217	S59 and capacitor	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:16
S61	912	intercalat\$ compound not lithium	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:16
S62	41	intercalat\$ compound and capacitor not lithium	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:17
S64	27	intercalat\$ compound and capacitor and oxide not lithium	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:24
S66	3	intercalat\$ compound and capacitor and oxide and activated carbon not lithium	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:26
S71	1	ca-1270296-.did.	DERWENT	ADJ	ON	2007/08/14 08:28
S74	468	tetrabutylammonium and capacitor	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:39
S75	41	S74 and intercalat\$	US-PGPUB; USPAT	ADJ	ON	2007/08/14 08:39
S79	6	(alkali or lithium or potassium or rubidium or cesium) hydroxide with (ruthenium oxide or "RuO <sub>2</sub> ")	US-PGPUB; USPAT	ADJ	ON	2007/08/14 09:17
S80	15	(alkali or lithium or potassium or rubidium or cesium) adj2 compound with (ruthenium oxide or "RuO <sub>2</sub> ")	US-PGPUB; USPAT	ADJ	ON	2007/08/14 09:17
S81	1	tetrabutylammonium with solvent with capacitor	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:19
S82	4	layer with ruthenium oxide with (dispersion)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:20
S86	34	429/231.1.ccls. and ruthenium oxide	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:25
S87	2	429/231.1.ccls. and ruthenium oxide with (layer or coating)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:26
S88	34	429/231.1.ccls. and ruthenium oxide	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:35
S91	753	capacitor with \$15ammonium	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:37
S92	5	S91 with (ruthenium or Ru)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:48

## EAST Search History

S94	31	(ruthenium oxide) with (water or alcohol or acetonitrile or dimethyl silfoxide or dimethylformamide or propylene carbonate) with (mix or mixing or mixed)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:50
S95	16	(ruthenium oxide) with (water or alcohol or acetonitrile or dimethyl silfoxide or dimethylformamide or propylene carbonate) with (mix or mixing or mixed) and electrode	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:50
S96	1974	(ruthenium oxide) with electrode	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:50
S97	734	(ruthenium oxide) with electrode with (coating or coat or layer or layering)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:51
S98	102	(ruthenium oxide) with electrode with (coating or coat or layer or layering) with (method or process)	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:51
S99	35	(ruthenium oxide) with electrode with (coating or coat or layer or layering) with (method or process) with capacitor	US-PGPUB; USPAT	ADJ	ON	2007/08/14 16:56